

1.053,292



# PATENT SPECIFICATION

DRAWINGS ATTACHED

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## COMPLETE SPECIFICATION

### Improvements relating to Stationery

I, LESLIE PEAK, a British subject, of Hathaway, Mellersh Hill Road, Wonerh Park, Near Guildford, Surrey, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed to be particularly described in and by the following statement:—

This invention relates to stationery and is concerned with securing together a number of sheets of paper. The invention is particularly, though not exclusively, applicable to continuous stationery for use in computers and the like.

According to the present invention a stack of superimposed layers of stationery are stuck together by adhesive patches on both the top and bottom layers overlying holes in both the top, bottom and intervening layer or layers and secured to each other through the said holes, in which the patches have holes in them smaller than those in the layers and adhere to each other over the area between the larger and smaller holes.

In one arrangement the stack has a row of feed holes adjacent to one edge and in which case the patches form some of the holes. The layers are preferably stuck together by a glue of the pressure sensitive or contact type. The stack may form part of a web of three or more layers folded zig-zag to provide continuous stationery.

The invention may be carried into practice in various ways but one embodiment will now be described by way of example with reference to the accompanying diagrammatic drawings, in which:

Figure 1 is a perspective view of part of a continuous stationery triplicate stack according to the invention for use in a computer, and

Figure 2 is an enlarged section on the line 2—2 of Figure 1.

As shown in Figure 1, three webs of paper 10, 11 and 12 are superimposed and are folded

zig-zag to provide a continuous stationery triplicate stack. The webs 10, 11 and 12 are provided with a row of feed holes 13 along each edge, one such row being shown in Figure 1. The holes may be approximately  $1/8"$  in diameter and spaced at intervals of  $1/2"$ . Each sixth hole in the row of feed holes 13 is made slightly larger than the others, for example  $1/4"$  in diameter, and a circular patch 15 of adhesive material such as that sold under the trade marks TAKSTRIP or TAKTAPE approximately  $3/8"$  in diameter is secured to the top and bottom webs 10 and 12. The patch has a hole 16 in its centre the same size as the other feed holes and is placed concentrically with the larger hole in the paper. The glued sides 17 of the patches 15 face one another and corresponding annular areas of the two patches between the margins of the centre hole and the hole of the paper adhere together to hold the paper layers together. Thus the webs are held accurately in register while being fed through a computer and afterwards the outside webs can be peeled apart thus separating all three webs or, if desired, the middle web can be removed and the outside two sheets stuck together again. A number of webs can be held together in this way and subsequently all can be separated or some or all of the intermediate webs can be removed, the remainder being stuck together again.

The invention may be used in any device requiring forms or sheets to be held together, for example tabulators, or for holding together forms or sheets of paper interleaved with carbon paper or carbon backed, for manuscript or typing. The patches form useful reinforcements and can conveniently be arranged to correspond with filling post holes, etc.

#### WHAT I CLAIM IS:—

1. A stack of superimposed layers of stationery which are stuck together by adhesive patches on both the top and bottom layers overlying holes in the top, bottom and inter-

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- vening layer or layer and secured to each other through the said holes in which the patches have holes in them smaller than those in the layers and adhere to each other over the area between the larger and smaller holes.
- 5 2. A stack as claimed in Claim 1 having a row of feed holes adjacent one edge.
3. A stack as claimed in Claim 2 in which the holes in the patches form some of the feed
- 10 holes.
4. A stack as claimed in any one of Claims 1 to 3 in which the layers are stuck together by a glue of the pressure sensitive or contact type.
5. A stack as claimed in any one of the preceding claims which forms part of a web of three or more layers folded zig-zag to provide continuous stationery.
6. A stack of superimposed layers of stationery substantially as described herein with reference to the accompanying drawings.
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